[redacted]

25 February 1955

Mr. Clarence L. Johnson
Chief Engineer
Lockheed Aircraft Corporation
California Division
Burbank, California

Dear Kelly:

Transmitted herewith are several memorandums, specifications, and documents provided by General Flickinger. He recommends that we use a liquid oxygen system in our aircraft. I suggest that you review these papers and that we finalize on the type of oxygen system during our next meeting. I have made arrangements for General Flickinger to contact you and schedule fittings and indoctrinations for your pilots with high altitude pressure suits. Since the WADC schedule is heavy, it may be necessary to accomplish this indoctrination in two increments.

For your information I have just received confirmation that your two truck drivers, [redacted] 074286, are now fully cleared. [redacted] with your original plans. Confirmation [redacted] will follow.

I transmitted the information regarding payment for your two vouchers and was informed that the time schedule of 4 March will be met; however I intend to follow this subject very closely to see that it is accomplished on time.

We have just finished an engine scheduling meeting. The schedule shown below is the best that our engine manufacturer can provide. You will note that we have increased spares to a ratio of 150% and we feel that it will probably be necessary to further increase this ratio to 200%. A decision on this matter will be made sometime in March. It is intended to procure ten additional P-3l engines starting September 1956. P-37 characteristics have been confirmed by running the engine at altitude in the environmental chamber. The schedule calls for P-3l engine to be tested in the chamber during March of this year. New performance characteristics

[redacted]

DX-117

[redacted]

of the P-31 engine may be slightly improved over the data that you have at the present time. I am submitting this information for advanced planning only, and hope to discuss the entire program with you in the near future.

Engine Delivery Schedule

	1955									1956									
	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Lockheed Engine Requirement	1	1	1	2	2	1	1	2		3	3	3	3	4	2	4	4	2	1		
P-37 Delivery	1	1	1	2	2	1	1	2		3	3	3	3	4	2	1					
P-31 Delivery										2	3	5	5	5				*			
Accumulated Total Delivery	1	2	3	5	7	8	9	11		16	22	30	38	47	49	50					

* Additional production of P-31 to start September 1956.

[redacted]

Incls listed on index

OSCAR J. RICHLAND
Colonel, USAF

SEE MEMO FOR RECORD.
27 FEB 1955

[redacted]